



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090957

Mode: Highway

Status: Submitted

SR-1525, SR-1540 (Hamlets Chapel Road, Jones Ferry Road)

From/Cross Street: US 15/501

Specific Improvement Type: 16 - Modernize Roadway

To: Orange County Line

Project Category: Division Needs

Length: 8.21

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$18,582,000

Description:

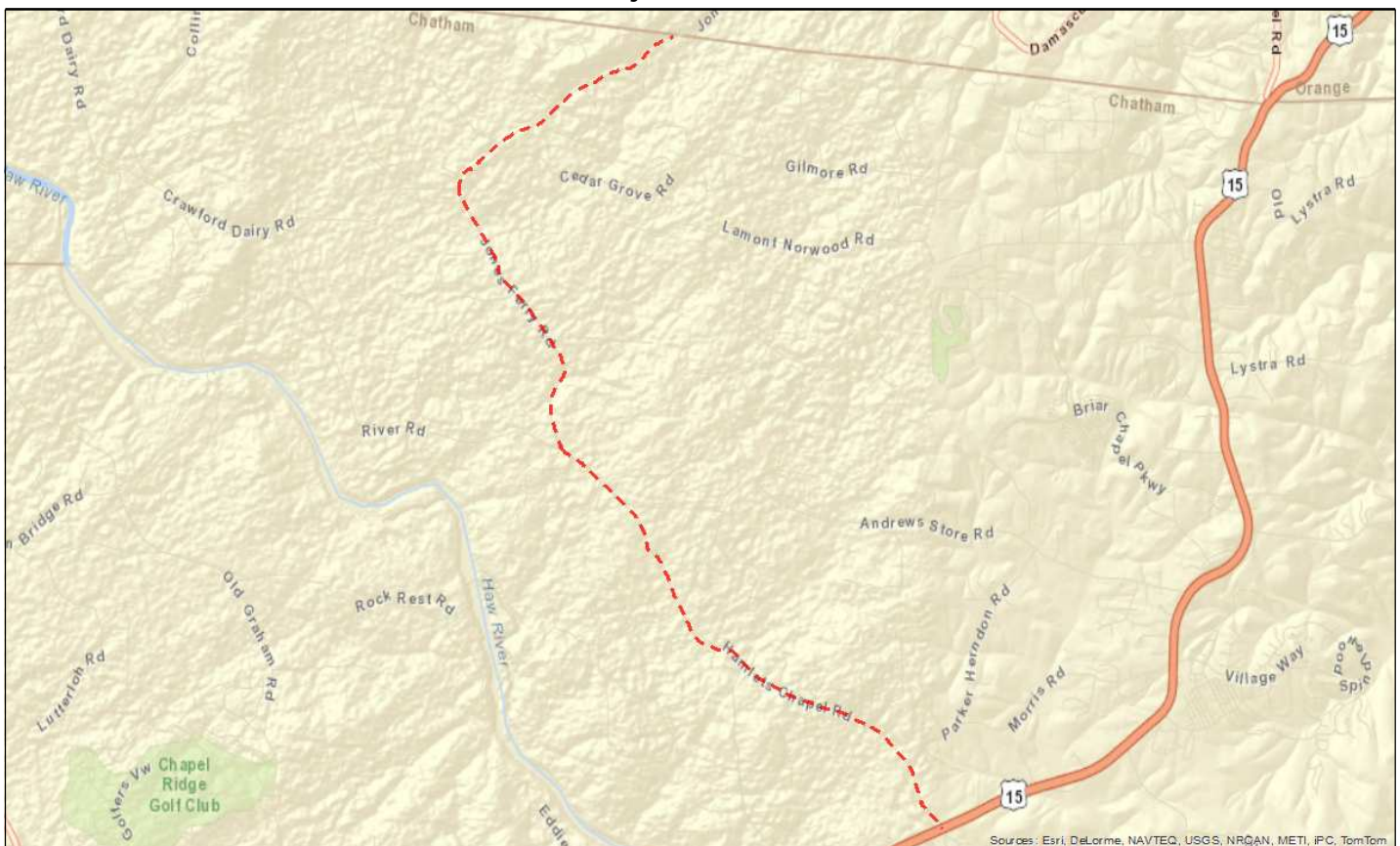
Widen and Add Bicycle Lanes on SR 1525 (Jones Ferry Rd) and SR 1540 (Hamlets Chapel Rd) from US 15-501 to the Orange County Line

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 54.76 [Travel Time] Benefit/Cost (20%) 0.00 Congestion (V/C) (20%) 5.78 Totals: Weight: 50% Weighted Score: 6.63	Percent: 25% Points:	Percent: 25% Points:

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles);	8.21
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	1352.4
Capacity:	15499.96
Volume/Capacity Ratio:	0.09
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	73.96
Crash Severity:	44.4
Critical Crash Rate:	45.94
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	76
Actual Congested Speed:	13.21
Travel Time Index:	1.53

Project Benefits

Project Cross-Section:	
Speed Limit:	55
Length (miles):	8.21
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Minor Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$18,582,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$18,582,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$18,582,000	